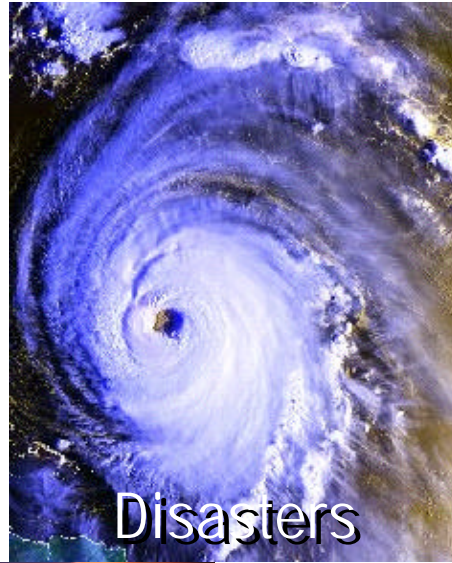
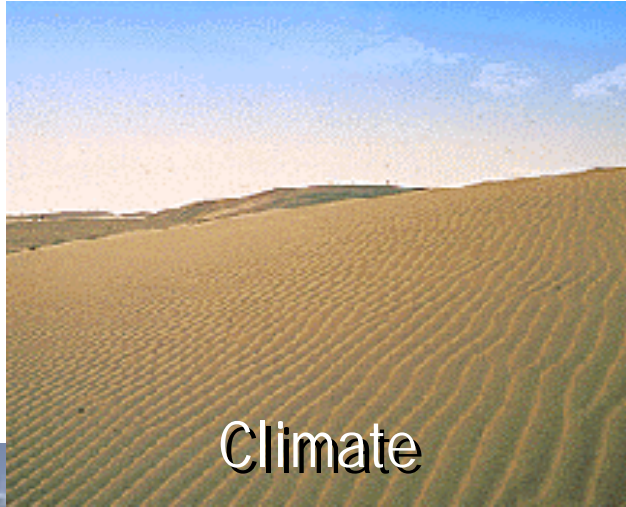


# Earth Observation Elements



# Earth Observation Summit Participants



U.S. Department of State, Washington DC

July 31, 2003



# The Earth Observation Summit Washington DC, July 31, 2003

The Summit represented a high level governmental/political commitment to move toward a comprehensive, coordinated, global network:

- Issued declaration to support this concept
- Launched development of 10-year implementation plan
- Established the ad hoc intergovernmental Group on Earth Observations (GEO) with 4 Co-Chairs:
  - 1) U.S. – Vice Admiral Conrad C. Lautenbacher Jr., Administrator  
National Oceanic and Atmospheric Administration (NOAA)
  - 2) EC – Director General Achilleas Mitsos  
Directorate General for Research
  - 3) Japan – Mr. Akio Yuki, Deputy Minister, Ministry of Education,  
Culture, Sports, Science, and Technology (MEXT)
  - 4) South Africa – Dr. Rob Adam, Director-General,  
Department of Science and Technology

## E0 Summit Declaration

- Affirmed need for timely, quality, long-term, global information as a basis for sound decision making.
- Recognized need to support:
  - 1) Comprehensive, coordinated, sustained Earth observation system or systems;
  - 2) Coordinated effort to address capacity-building needs related to Earth obs;
  - 3) Exchange of observations in a full and open manner with minimum time delay and minimum cost; and
  - 4) Preparation of a 10-year Implementation Plan, building on existing systems and initiatives
    - 1) Framework for Tokyo ministerial, second quarter 2004
    - 2) 10-year plan for Brussels ministerial, fourth quarter 2004.
- Established *ad hoc* Group on Earth Observations (GEO) to develop Plan
- Invited other governments to join.

## Member Governments

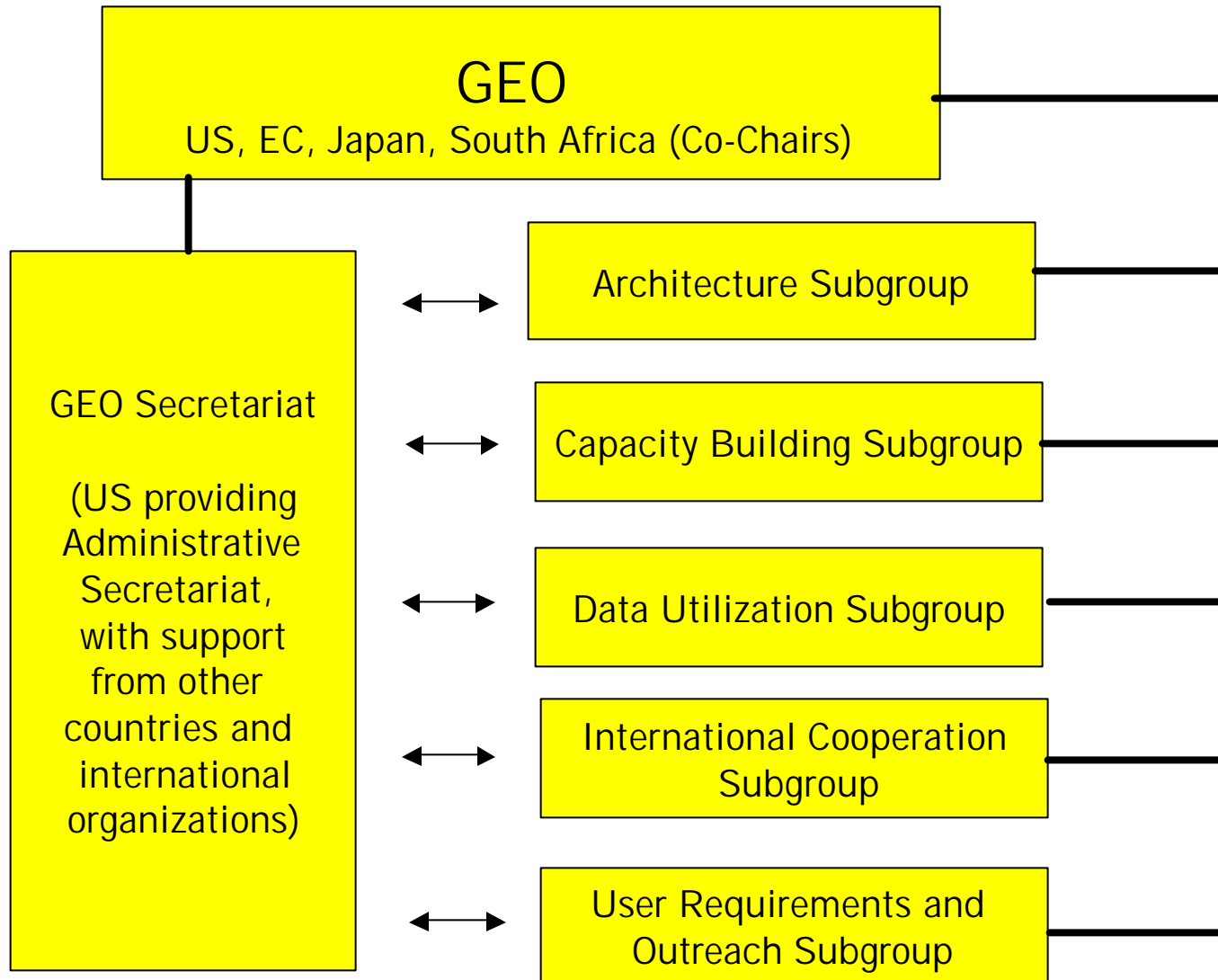
- Argentina
- Australia
- Belize
- Brazil
- Canada
- China
- Denmark
- Egypt
- European Commission
- France
- Gabon
- Germany
- India
- Ireland
- Israel
- Italy
- Japan

- Kazakhstan
- Mexico
- Morocco
- Netherlands
- New Zealand
- Norway
- Republic of Congo
- Republic of Korea
- Russian Federation
- South Africa
- Spain
- Sweden
- Switzerland
- Thailand
- Ukraine
- United Kingdom
- United States

## Participating International Organizations

- Central American Commission for the Environment and Development (SICA/CCAD)
- Committee on Earth Observation Satellites (CEOS)
- European Centre for Medium-Range Weather Forecasts (ECMWF)
- European Space Agency (ESA)
- European Organization for the Exploitation of Meteorological Satellites (EUMETSAT)
- Global Climate Observing System (GCOS)
- Global Ocean Observing System (GOOS)
- Global Terrestrial Observing System (GTOS)
- Integrated Global Observing Strategy Partnership (IGOS-P)
- Intergovernmental Oceanographic Commission (IOC)
- International Agency for the Development of Environmental Information (ADIE)
- International Council for Science (ICSU)
- International Geosphere-Biosphere Program (IGBP)
- International Group of Funding Agencies for Global Change Research (IGFA)
- Food and Agriculture Organization of the United Nations (FAO)
- United Nations Educational, Scientific and Cultural Organization (UNESCO)
- United Nations Environment Programme (UNEP)
- United Nations Framework Convention on Climate Change (UNFCCC)
- World Bank (IBRD)
- World Climate Research Programme (WCRP)
- World Meteorological Organization (WMO)

# GEO Structure



# GEO Secretariat Membership

- EC\*
- Japan\*
- South Africa\*
- United States\*
- Canada
- CEOS
- ESA
- EUMETSAT
- France
- IGOS
- IOC
- Italy
- WMO

\*indicates representatives of  
GEO co-chairs



# GEO Subgroup Co-Chairs

## GEO Architecture Subgroup

- Brazil, France, Japan, United States, WMO, ESA

## GEO Capacity Building Subgroup

- Argentina, Belize/CCAD, Brazil, Israel, Republic of Congo, United States

## GEO Data Utilization Subgroup

- Brazil, Canada, United States, ECMWF

## GEO User Requirements Subgroup

- Canada, Italy, United Kingdom

## GEO International Cooperation Subgroup

- Australia, United States, IOC

## Framework and Plan Development

- GEO Members & Participant Organizations provide inputs via Subgroups
- GEO Subgroups provide draft chapters to the GEO Secretariat
- GEO Secretariat provides draft I&P chapters and way forward
- Framework will be basis for 10-year Plan
- GEO Meetings review and approve draft chapters for Framework and 10-year Plan

# Framework Document Chapters

*(Sections IV through IX will include relevant Subgroup inputs to the Lead Subgroup for each Chapter)*

<u>Chapter</u>	<u>Lead Subgroup</u>
I. Introduction	GEO Secretariat
II. Purpose	GEO Secretariat
III. Benefits of GEO Initiative	All Subgroups
IV. User Requirements	User Requirements Subgroup
V. Outreach	User Requirements Subgroup
VI. Architecture	Architecture Subgroup
VII. Data Utilization	Data Utilization Subgroup
VIII. Capacity Building	Capacity Building Subgroup
IX. International Cooperation	International Cooperation Subgroup
X. The Way Ahead	GEO Secretariat

